

18 September 1973

**INTELLIGENCE DIRECTORATE  
OFFICE OF BASIC AND GEOGRAPHIC INTELLIGENCE**

**Preparation of Pacific Ocean Base Maps for the U. S. Geological  
Survey (USGS)**

The Geologic Division of the USGS requested on 1 June 1973 the machine preparation of 1:5,000,000 scale base maps depicting the 4 quadrants of the Pacific Ocean. These will eventually be employed in the CIRCUM Pacific Project, an international effort to map the mineral deposits in the Pacific Ocean basin. In addition to the grids, coastlines, and boundaries machine plotted by the Cartography Division of OBGI, mineral deposits, oil and gas, bathymetry, tectonics, volcanism and sovereignty will be shown. The project was completed on 15 September 1973. Machine times were: 33 hours flatbed plotter, 24 hours drum plotter, and 6 hours processing plus computer services. Total personnel, material, and computer costs were \$1719.00\*.

Assistance was rendered to this project for several reasons. The Agency has shown an increasing interest in the problems related to the sovereignty of seabed mineral resources. These maps, therefore, when completed will fill a standing CIA need. Secondly, by employing the Agency AUTOMAP System initially, all future data will be machine-compatible with the Agency system and presumably available to it. Thirdly, this was done as a technical favor for an agency which has helped us in the past. In this case, our automated means achieved the job in the shortest time and at a fraction of the conventional cost.

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The CIA contact is [REDACTED] extension 7609.

**\*Costs do not include photo processing or plotter (other than operator) charges which have not been established.**